PZ M22 series
piezo switches

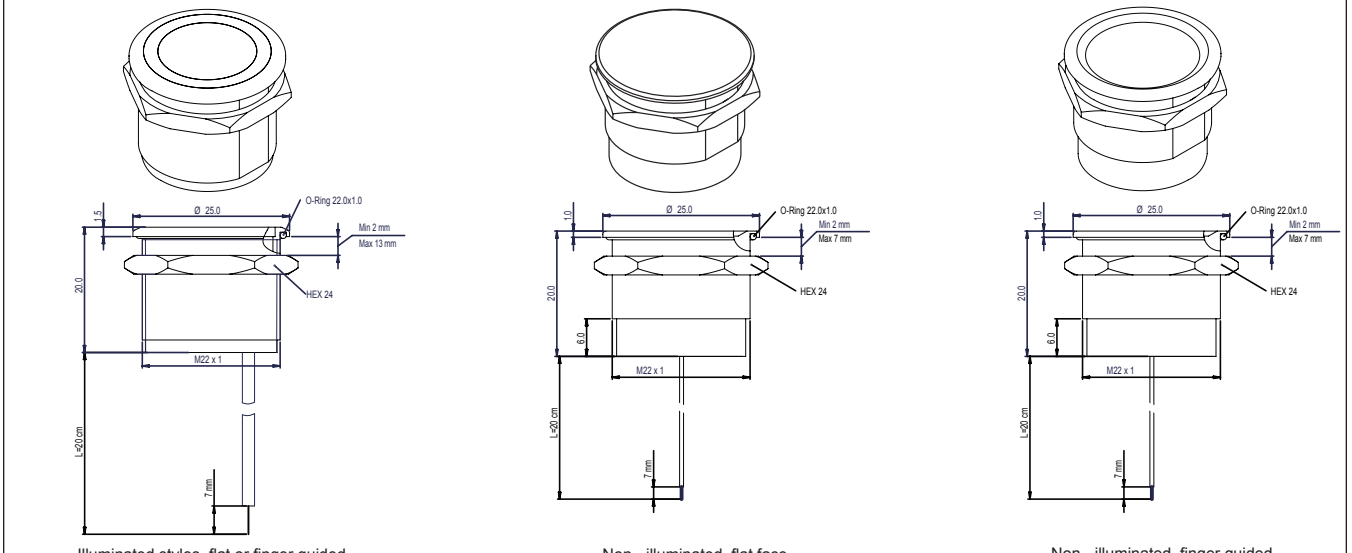
- Rugged construction
- No moving parts, extremely long life
- Vandal resistant
- Suited for harsh industrial environments
- RoHS Compliant

CE

Specifications

Body Material	Aluminium or stainless steel (AISI 303)
Body colour or plating	Natural or Red, Green, Blue, or Yellow anodized aluminium
Head style	Flat or finger guiding rim
Illumination	None, Single colour or two colour (see Pages 2 & 3 for options)
Mounting diameter	M22 x 1
Face diameter	25mm
IP protection	IP68
Switching function	Normally open or On/Off (toggle)
Switching current	1A
Switch pulse time	Up to 300ms
Switch resistance	ON: <10 Ohms / OFF: >5 M Ohms
Switch capacitance	25pF
Voltage	0 to 24V AC/DC
Actuation force	3 - 5N
Operating temperature range	-30 to +85 °C
Electrical life	>10 million cycles

Dimensions Fig. 1



Illuminated styles, flat or finger guided

Non - illuminated, flat face

Non - illuminated, finger guided

All dimensions in millimeters. Not to scale.

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Ordering codes

PZ	-	4	1	-	0	0	0	0	0	-	0	0	1

Body Style. Momentary action switch		
41	-	non illuminated, flat head, Aluminium natural
42	-	non illuminated, finger guided, Aluminium natural
43	-	non illuminated, flat head, stainless steel
44	-	non illuminated, finger guided, stainless steel
45	-	one colour LED, illuminated, flat head, Aluminium natural
46	-	one colour LED, illuminated, finger guided, Aluminium natural
47	-	one colour LED, illuminated, flat head, Aluminium **RED** anodized
48	-	one colour LED, illuminated, finger guided, Aluminium **RED** anodized
49	-	one colour LED, illuminated, flat head, Aluminium **GREEN** anodized
50	-	one colour LED, illuminated, finger guided, Aluminium **GREEN** anodized
51	-	one colour LED, illuminated, flat head, Aluminium **BLUE** anodized
52	-	one colour LED, illuminated, finger guided, Aluminium **BLUE** anodized
53	-	one colour LED, illuminated, flat head, Aluminium **GOLD** anodized
54	-	one colour LED, illuminated, finger guided, Aluminium **GOLD** anodized
55	-	one colour LED, illuminated, flat head, stainless steel
56	-	one colour LED, illuminated, finger guided, stainless steel
57	-	two colour LED, illuminated, flat head, Aluminium natural
58	-	two colour LED, illuminated, finger guided, Aluminium natural
59	-	two colour LED, illuminated, flat head, Aluminium **RED** anodized
60	-	two colour LED, illuminated, finger guided, Aluminium **RED** anodized
61	-	two colour LED, illuminated, flat head, Aluminium **GREEN** anodized
62	-	two colour LED, illuminated, finger guided, Aluminium **GREEN** anodized
63	-	two colour LED, illuminated, flat head, Aluminium **BLUE** anodized
64	-	two colour LED, illuminated, finger guided, Aluminium **BLUE** anodized
65	-	two colour LED, illuminated, flat head, Aluminium **GOLD** anodized
66	-	two colour LED, illuminated, finger guided, Aluminium **GOLD** anodized
67	-	two colour LED, illuminated, flat head, stainless steel
68	-	two colour LED, illuminated, finger guided, stainless steel

Ring Illumination		
00000	-	non - illuminated
10000	-	**Red**
01000	-	**Green**
00100	-	**White**
00001	-	**Blue**
11000	-	**Red / Green**
10001	-	**Red / Blue**
01001	-	**Blue / Green**
10010	-	**Yellow / Red**

Lead length and customer specific options		
001	-	20 cm leads - STANDARD
***	-	Unique identifer for customer options

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Ordering codes

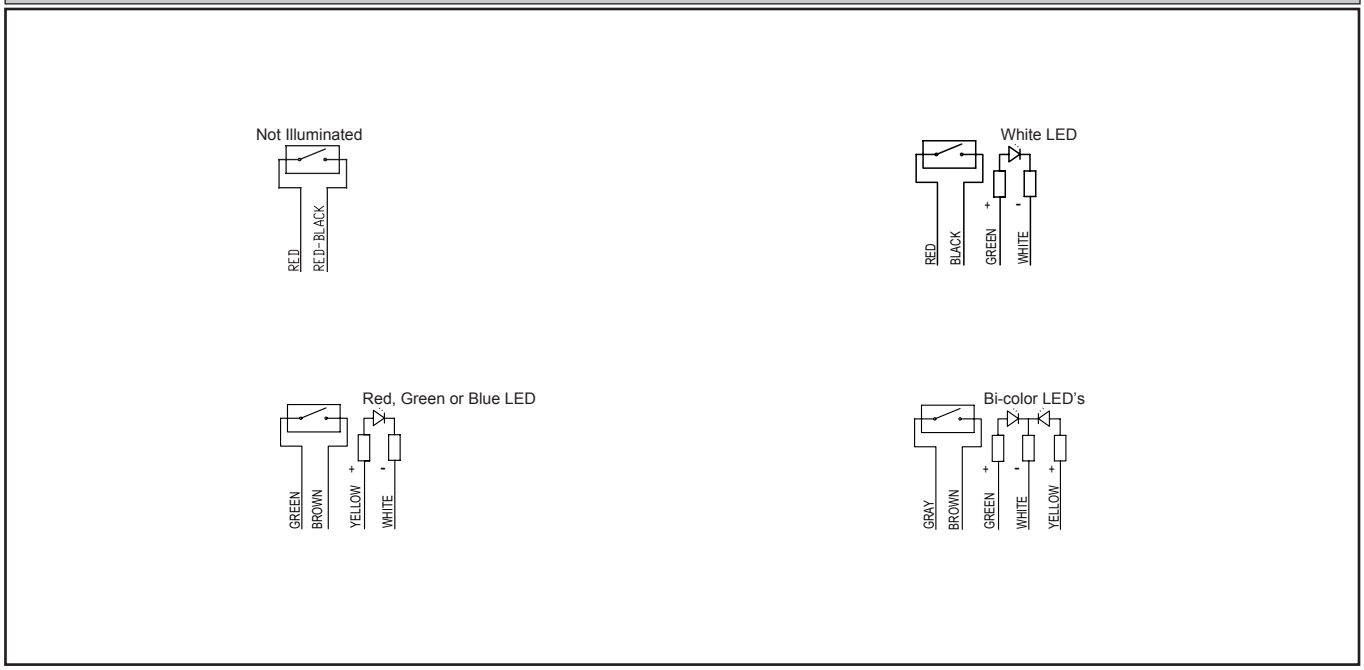
PZ	-	6	9	-	0	0	0	0	0	-	0	0	1

Body Style. Toggle action (On/Off latch)switch		
69	-	non illuminated, flat head, Aluminium natural
70	-	non illuminated, finger guided Aluminium natural
71	-	non illuminated, flat head, stainless steel
72	-	non illuminated, finger guided, stainless steel
73	-	one colour LED, illuminated, flat head, Aluminium natural
74	-	one colour LED, illuminated, finger guided, Aluminium natural
75	-	one colour LED, illuminated, flat head, stainless steel
76	-	one colour LED, illuminated, finger guided, stainless steel
77	-	two colour LED, illuminated, flat head, Aluminium natural
78	-	two colour LED, illuminated, fingerguided, Aluminium natural
79	-	two colour LED, illuminated, flat head, stainless steel
80	-	two colour LED, illuminated, finger guided, stainless steel

Illumination		
00000	-	non - illuminated
10000	-	Red
01000	-	Green
00100	-	White
00001	-	Blue
11000	-	Red / Green
10001	-	Red / Blue
01001	-	Blue / Green
10010	-	Yellow / Red

Lead length and customer specific options		
001	-	20 cm leads - STANDARD
***	-	Unique identifer for customer options

Wiring / Connections — Fig. 2



Specifications are subject to change without notice. E&OE.

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